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Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

New U.S. Patent Application

Title: GAS CIRCULATING-PROCESSING APPARATUS

Inventors:

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Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 52 pages, including 4 independent claims and 20 claims total.
2. Drawings- 7 sheets of drawings containing 14 Figures.
3. Certified copy of Japanese Patent Application Nos. 2000-400833, filed December 28, 2000, 2000-401179, filed December 28, 2000, and 2000-401180 filed December 28, 2000.
4. The filing fee is calculated as follows:

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| Basic Application Filing Fee | | | | \$740 | \$ 740.00 |
|---|------------------|-------|--------------|--------|-----------|
| | Number of Claims | Basic | Extra Claims | | |
| Total Claims | 20 | - | 20 | x \$18 | |
| Independent Claims | 4 | - | 3 | x \$84 | \$ 84.00 |
| <input type="checkbox"/> Presentation of Multiple Dep. Claim(s) | | | | +\$280 | |
| Subtotal | | | | | \$ 824.00 |
| Reduction by 1/2 if small entity | | | | | - |
| TOTAL APPLICATION FILING FEE | | | | | \$ 824.00 |

6. A check for \$824.00 is enclosed. The fee includes:

\$740.00 filing fee; and
\$ 84.00 additional claims fee

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicants await notification from the Patent and Trademark Office of the time set for
filing the Declaration.

Applicants claim the right to priority based on Japanese Patent Application Nos.
2000-400833, filed December 28, 2000, 2000-401179, filed December 28, 2000, and
2000-401180 filed December 28, 2000.

Please address all correspondence with respect to this application to:

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Please accord this application an application number and filing date.

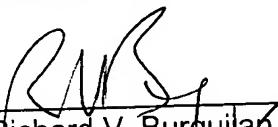
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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:


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RVB/FPD/sem
Enclosures